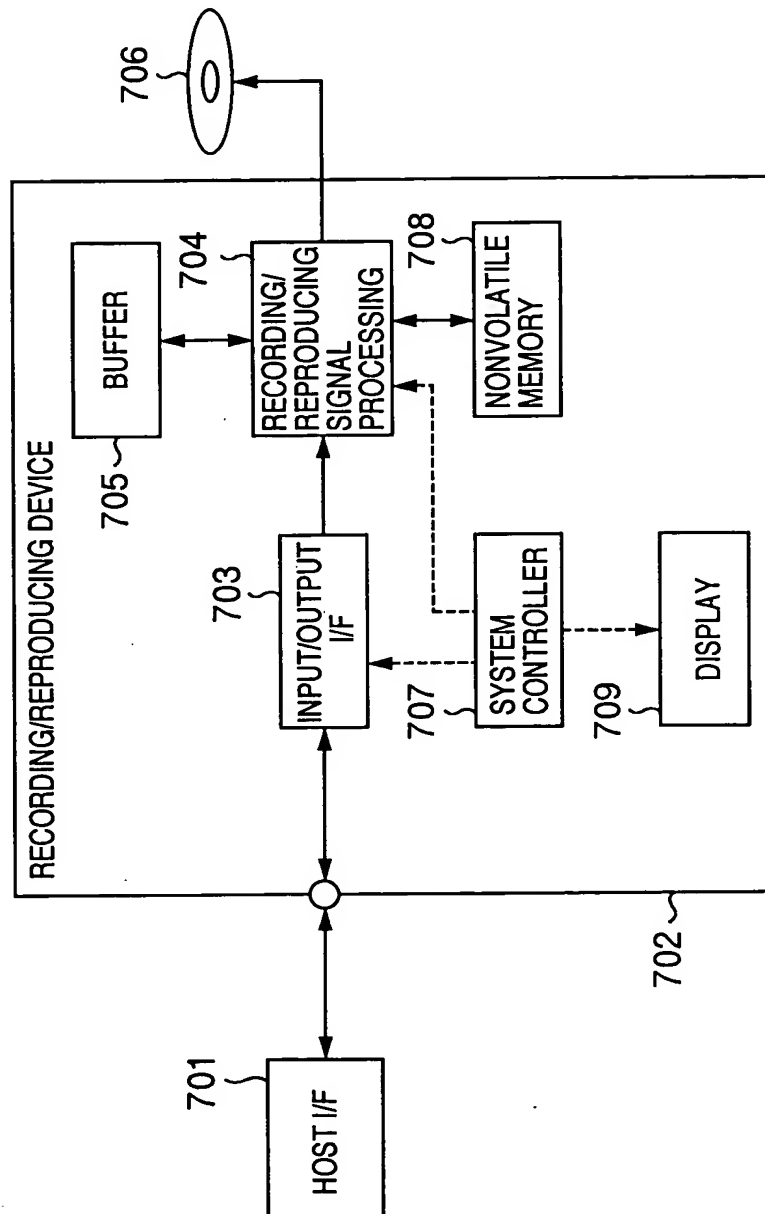


FIG.1



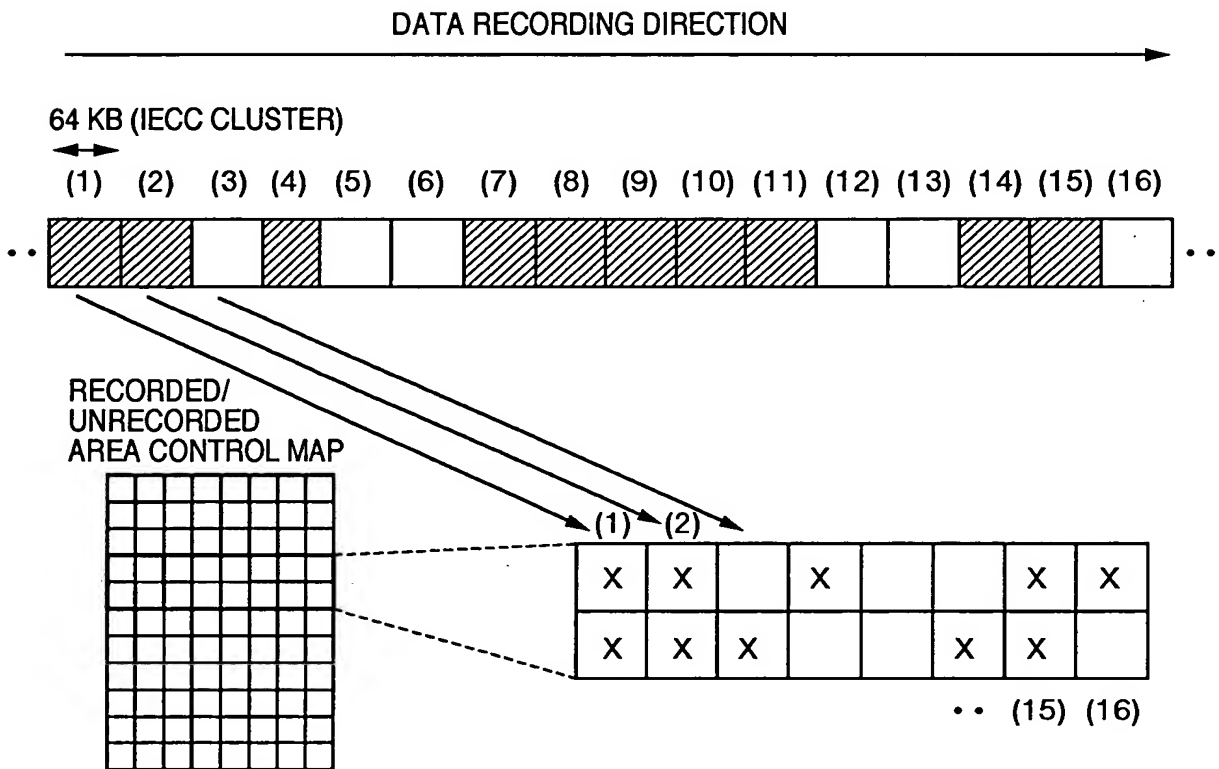
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FIG.2



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FIG.3

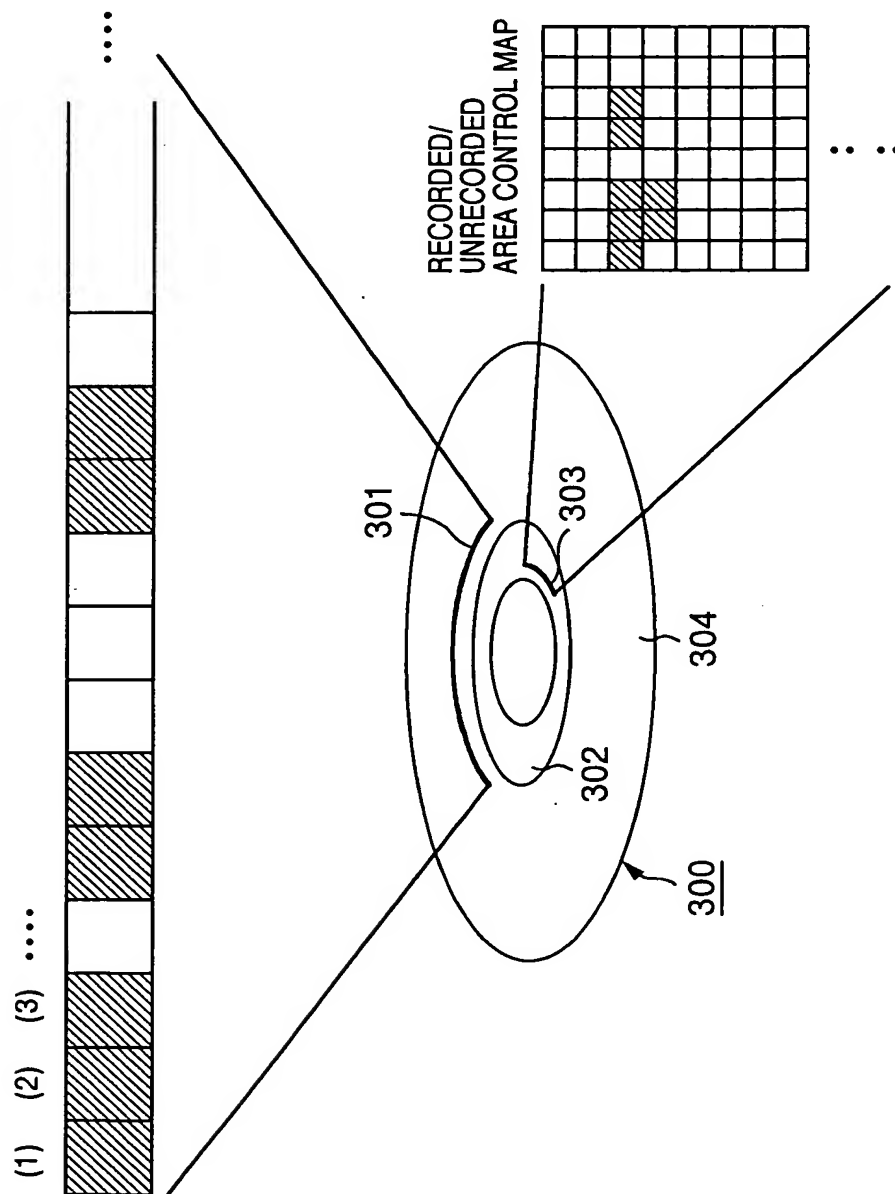


FIG.4

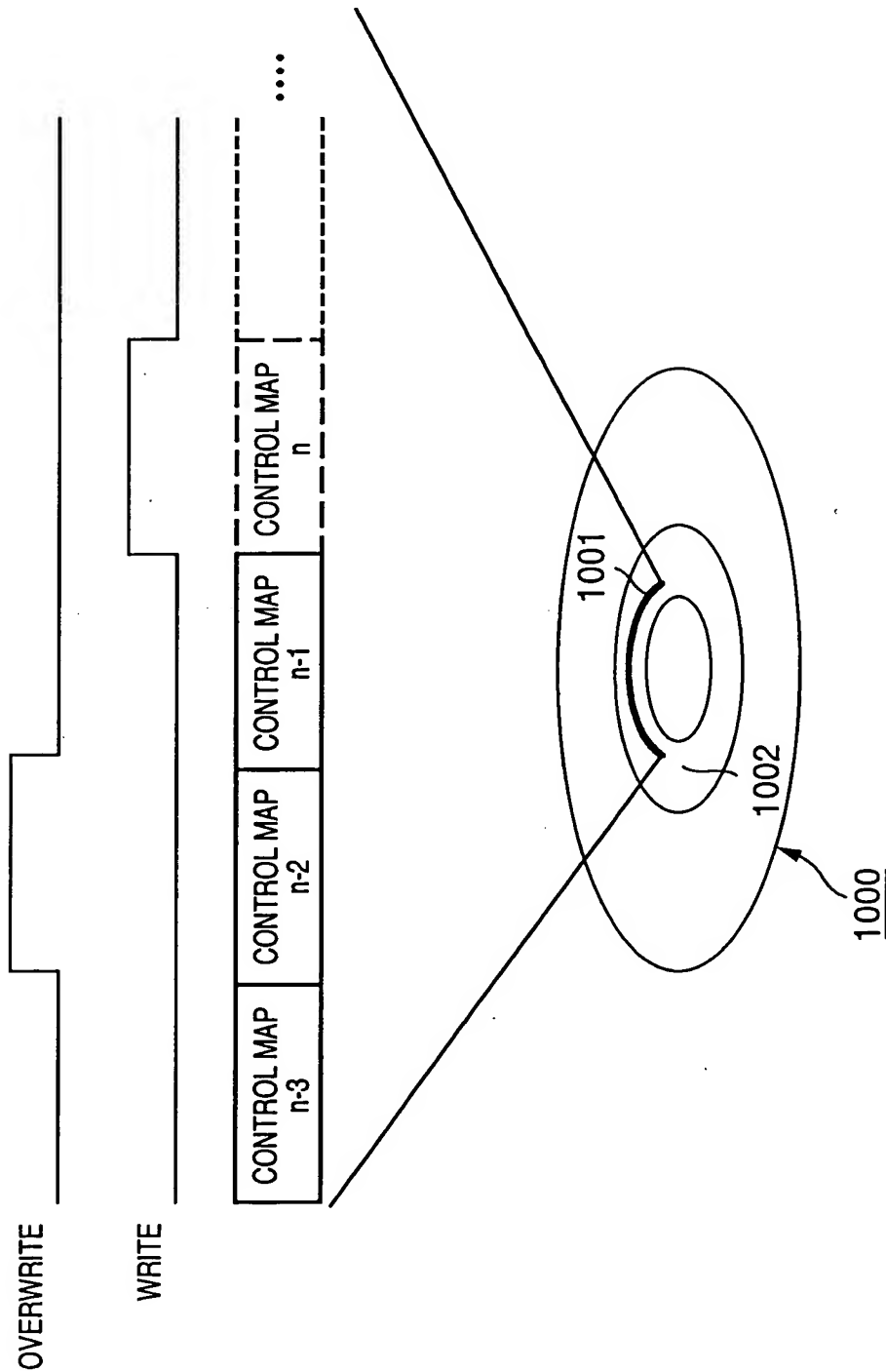
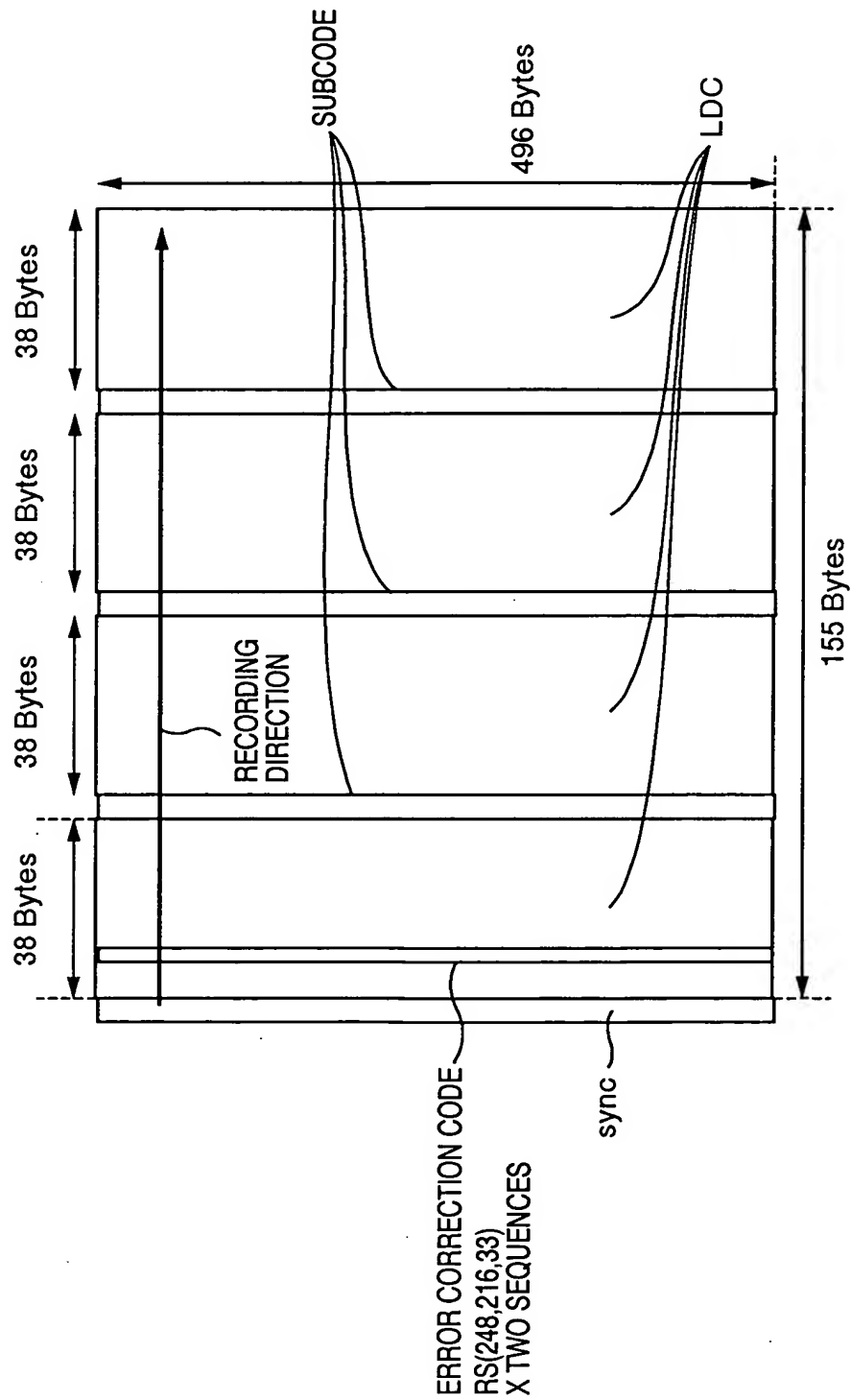


FIG.5



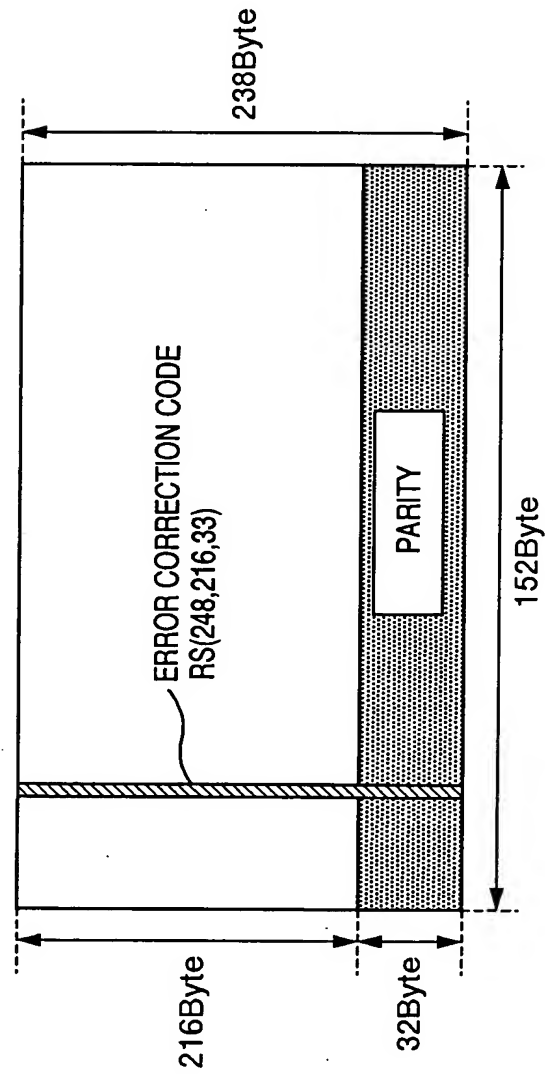
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FIG.6



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FIG. 7

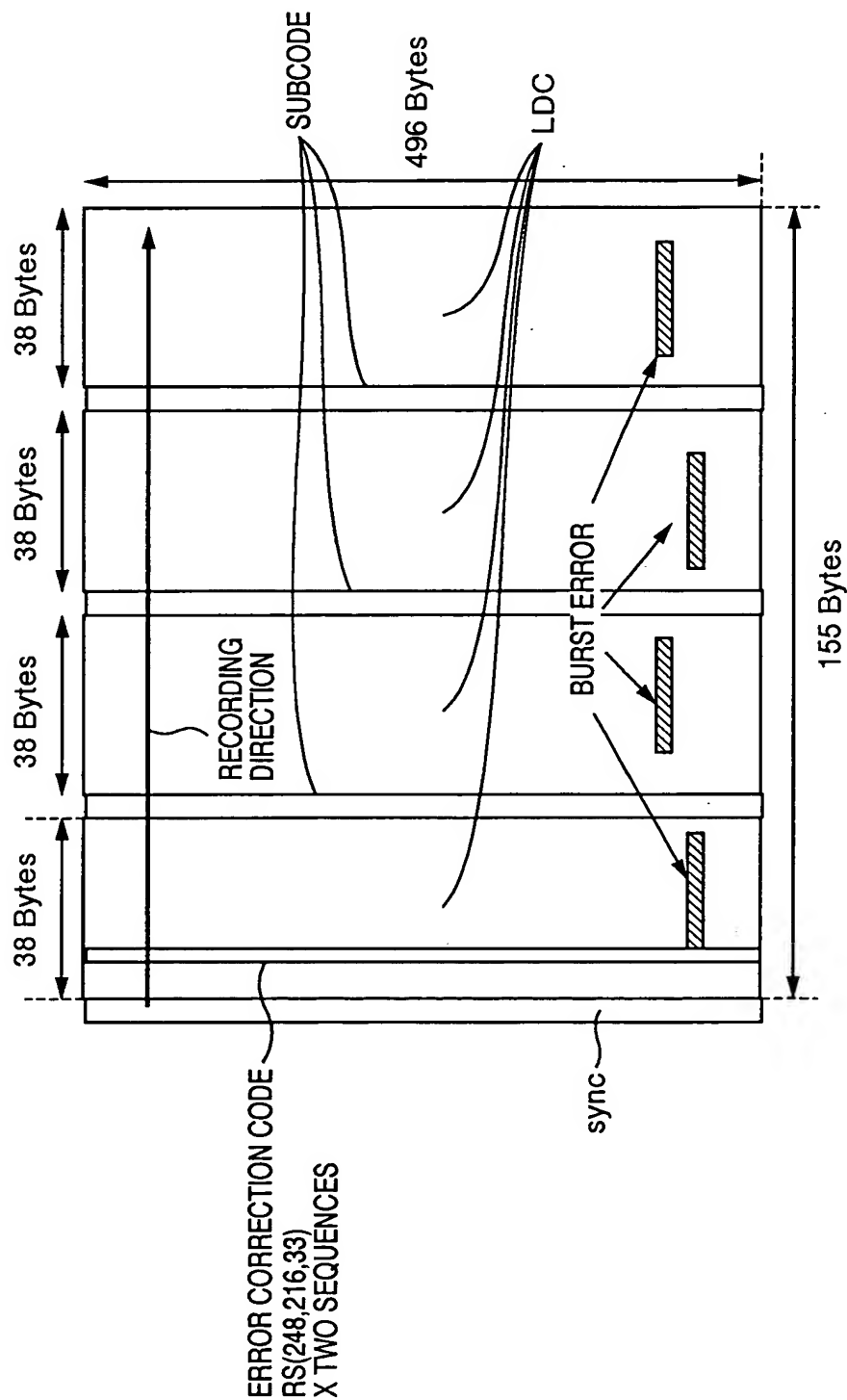


FIG.8A

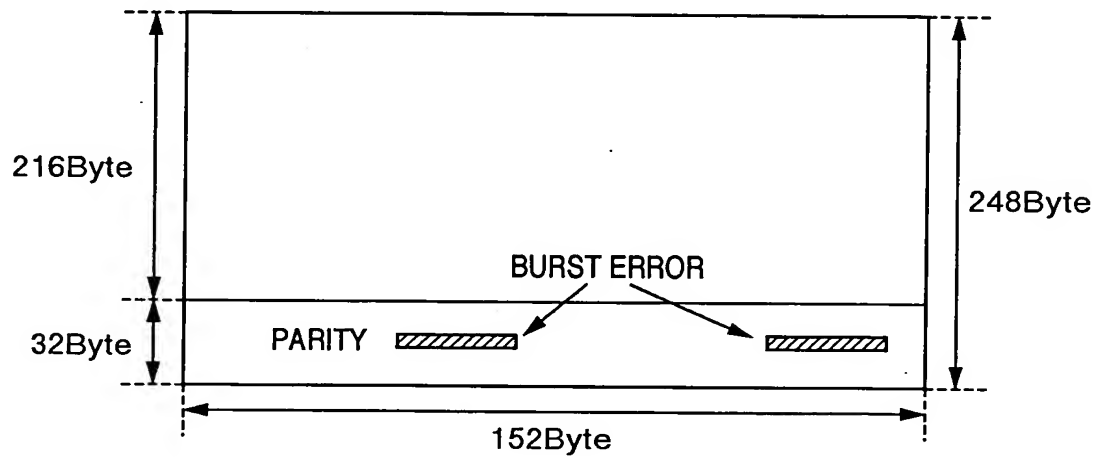


FIG.8B

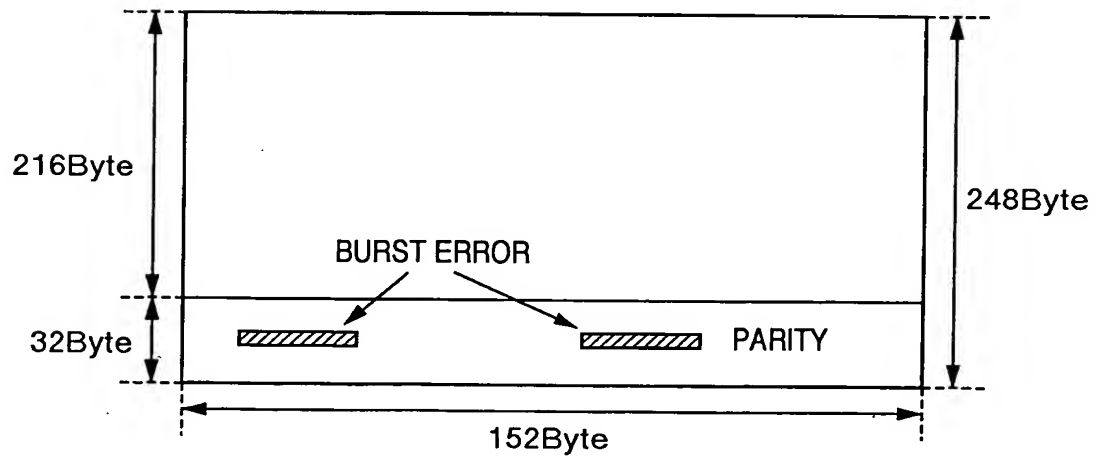


FIG.9

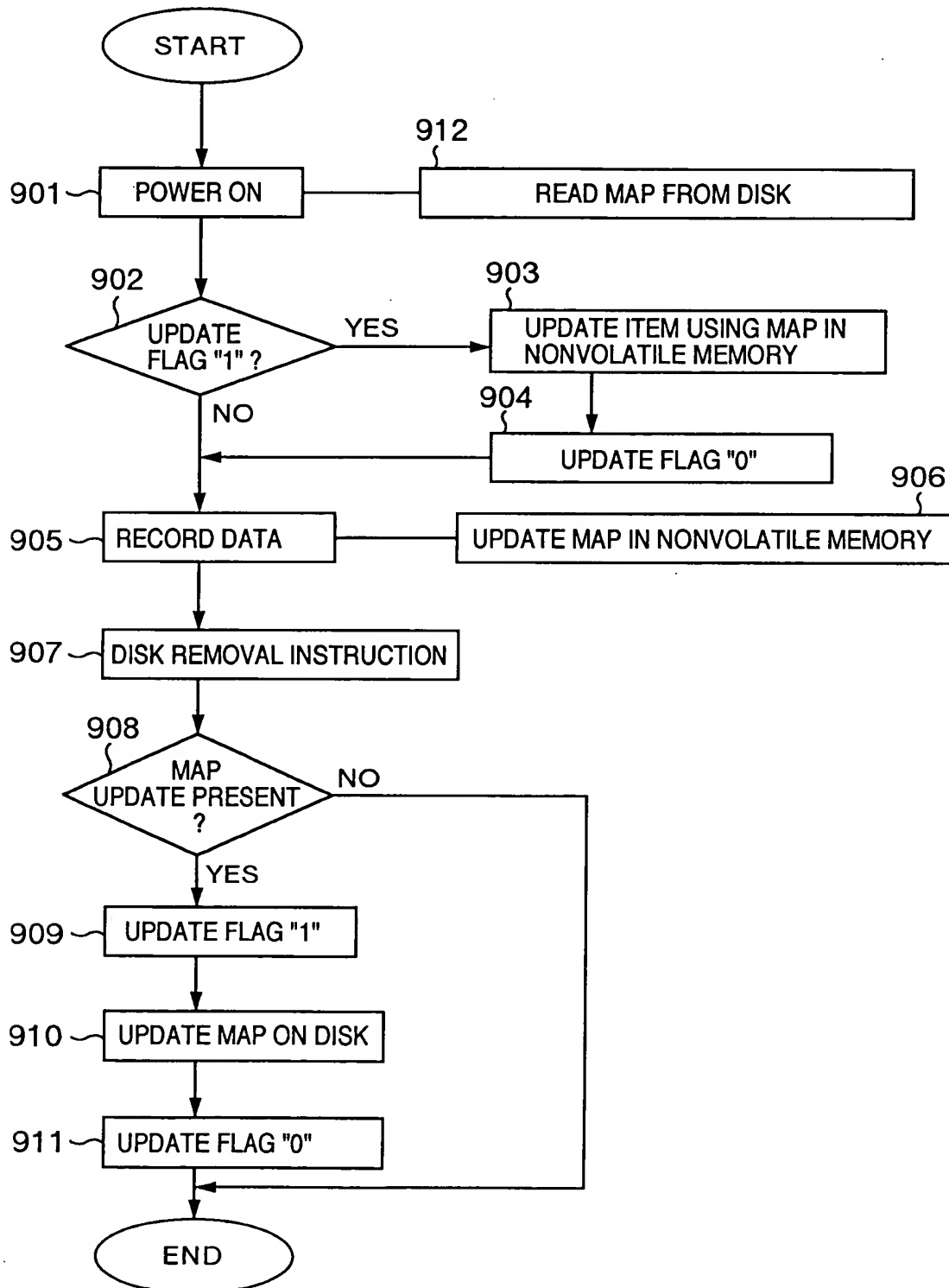


FIG.10

RECORDED/UNRECORDED AREA CONTROL MAP

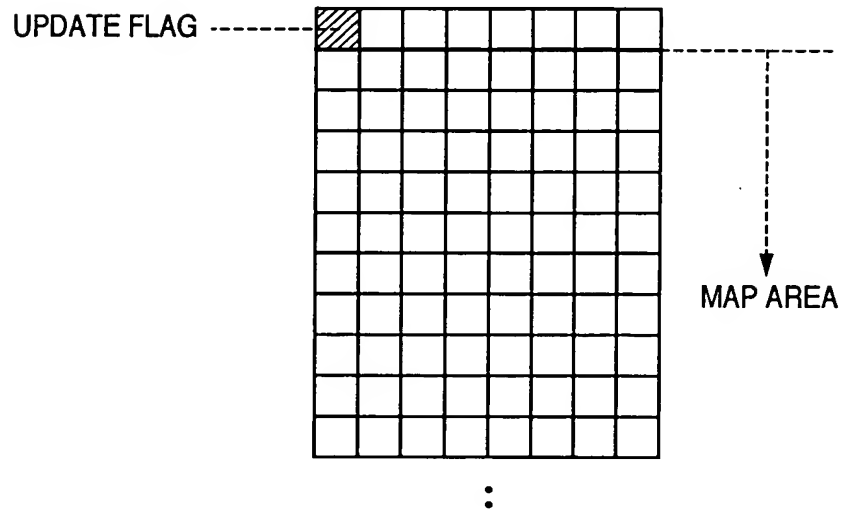


FIG.11

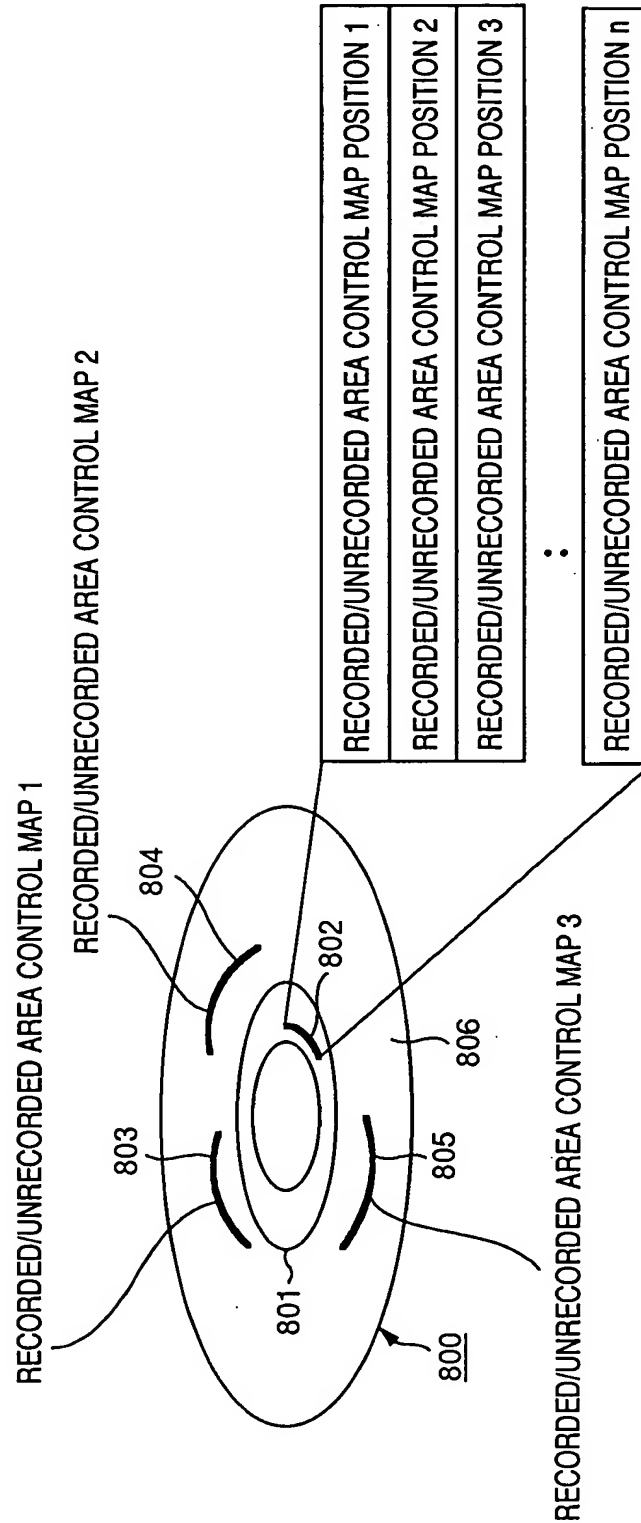


FIG.12A

<DEVICE A>

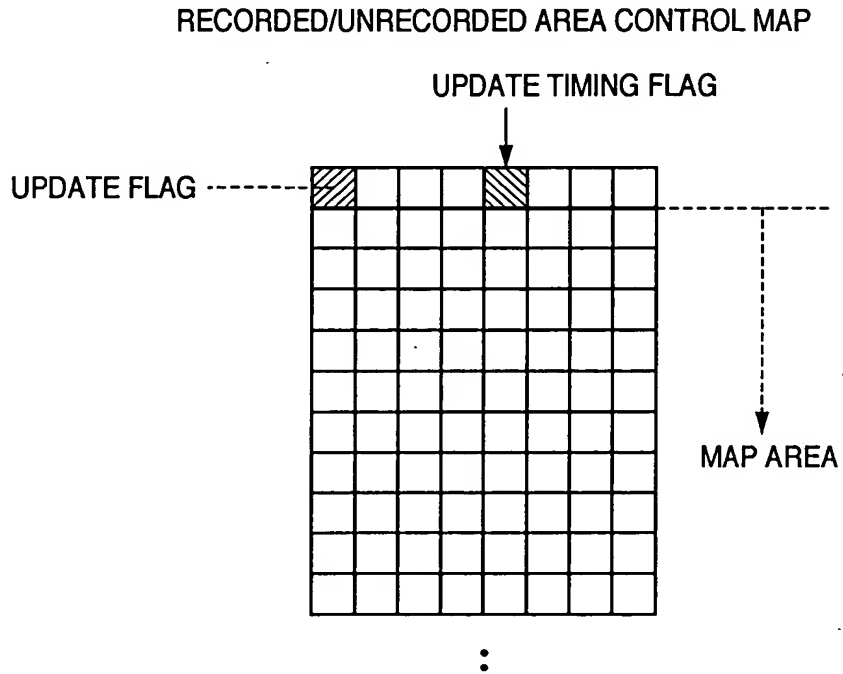
	UPDATE TIMING A
1	POWER OFF
2	DISK REMOVAL
3	

FIG.12B

<DEVICE B>

	UPDATE TIMING B
1	PREDETERMINED NO. OF DATA ITEMS RECORDED
2	PREDETERMINED TIME LAPSED
3	NO. OF UNRECORDED AREAS CHANGED

FIG.13



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FIG.14A

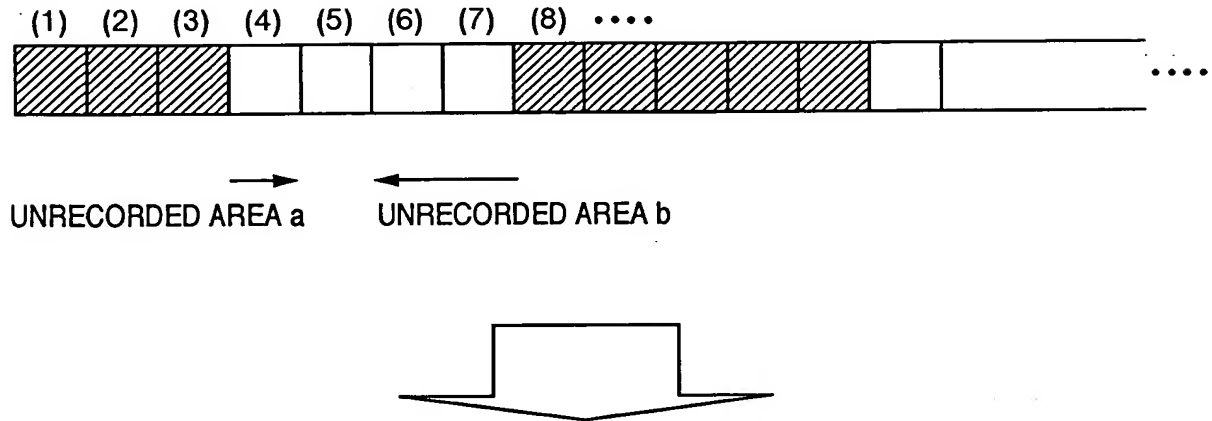
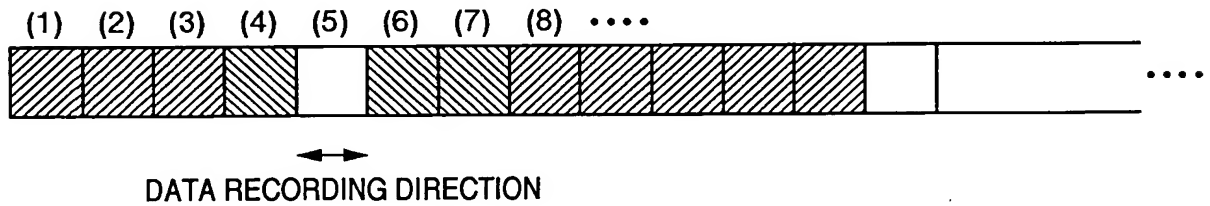


FIG.14B



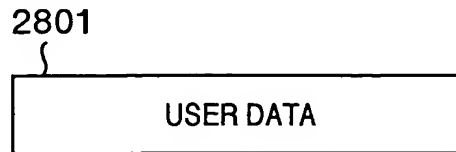
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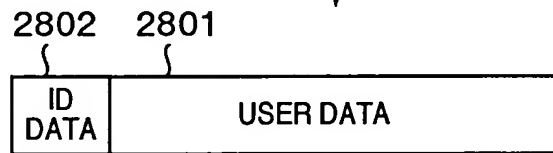
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FIG.15A



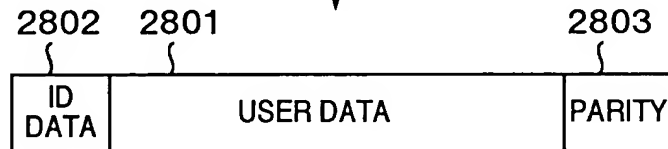
ID DATA ADDITION

FIG.15B



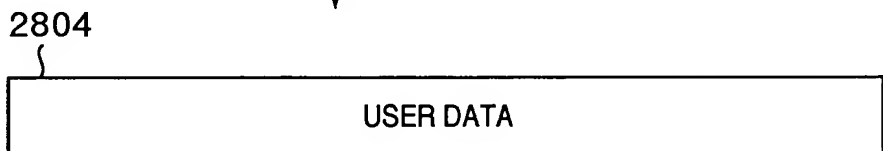
ERROR CORRECTION ENCODING

FIG.15C



MODULATION

FIG.15D



SYNC DATA ADDITION

FIG.15E

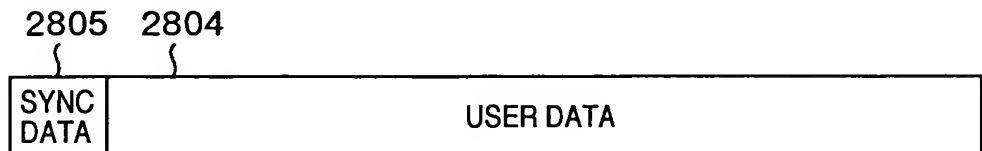


FIG.16

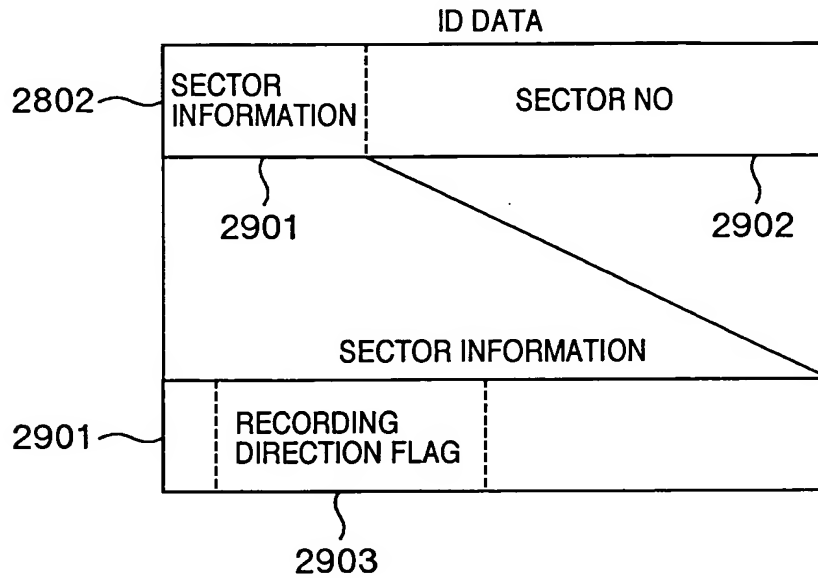


FIG.17

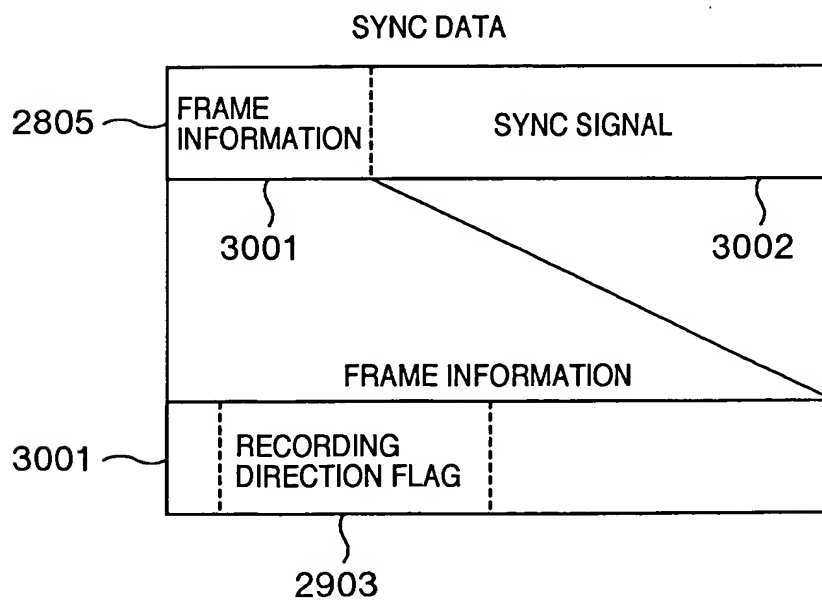
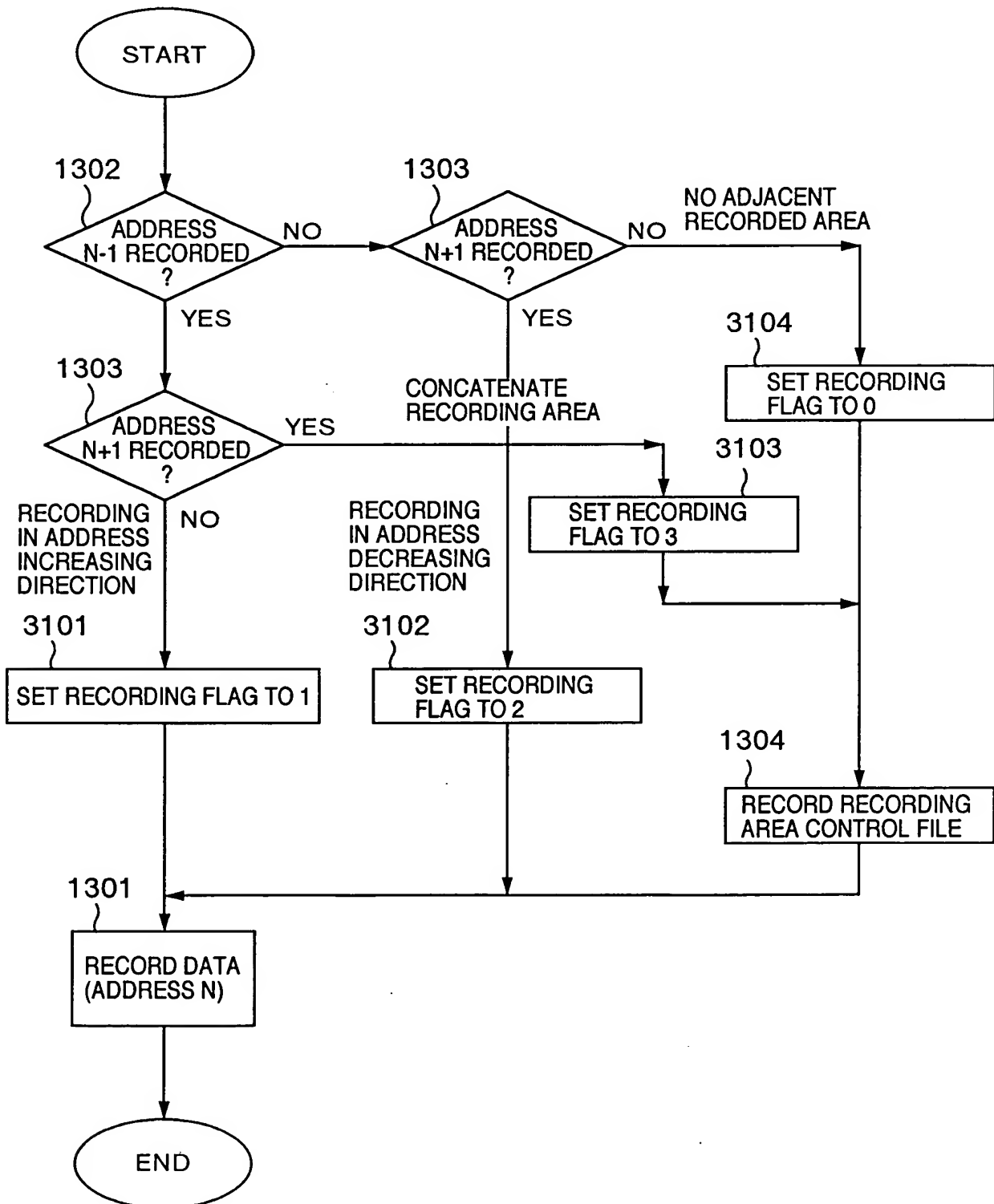


FIG.18



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FIG.19

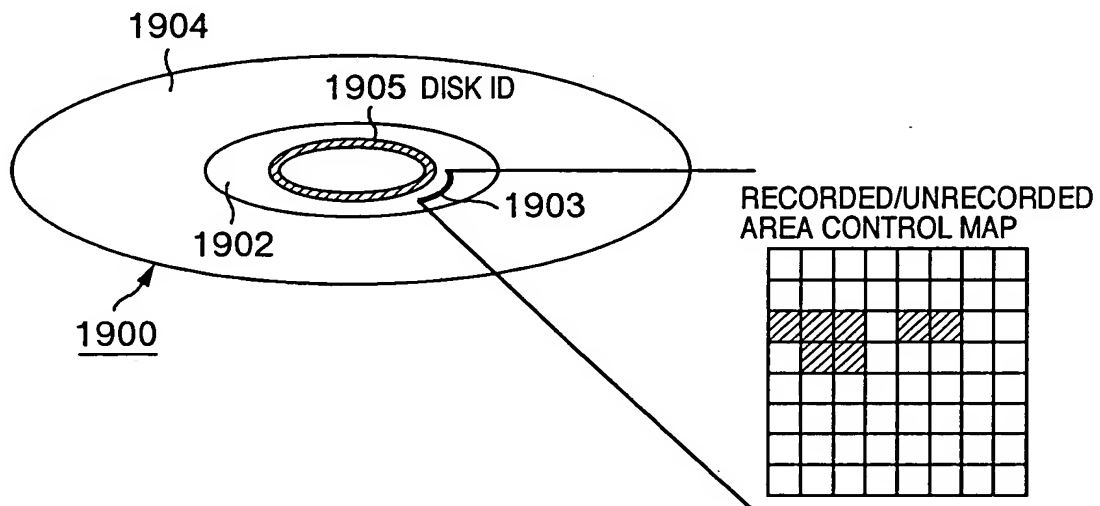


FIG.20

